

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4220274

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOKIA CORPORATION	01/16/2015

RECEIVING PARTY DATA

Name:	NOKIA TECHNOLOGIES OY
Street Address:	KARAPORTTI 3
City:	ESPOO
State/Country:	FINLAND
Postal Code:	02610

PROPERTY NUMBERS Total: 25

Property Type	Number
Application Number:	14324721
Application Number:	14297992
Application Number:	14503302
Application Number:	14480809
Application Number:	14490437
Application Number:	14333471
Application Number:	14498925
Application Number:	14542763
Application Number:	14470103
Application Number:	14510615
Application Number:	14510041
Application Number:	14549526
Application Number:	14572033
Application Number:	14448035
Application Number:	14026245
Application Number:	14529411
Application Number:	14159001
Application Number:	14061041
Application Number:	14055161
Application Number:	14064699

PATENT

Property Type	Number
Application Number:	14493088
Application Number:	14050927
Application Number:	14050961
Application Number:	14534124
Application Number:	14550965

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Email: thao.pham@nokia.com

Correspondent Name: NOKIA USA INC. ATTN: IP DOCKETING

Address Line 1: 200 SOUTH MATHILDA AVE

Address Line 4: SUNNYVALE, CALIFORNIA 94086

NAME OF SUBMITTER:	THAO PHAM
SIGNATURE:	/Thao Pham/
DATE SIGNED:	01/11/2017

Total Attachments: 2

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PATENT ASSIGNMENT

THIS Assignment is effective as of 31 December 2014 between

Assignor **NOKIA CORPORATION** of Karaportti 3, FI - 02610 Espoo, Finland, a corporation organized under the laws of Finland (hereinafter "Nokia Corporation") and Assignee **NOKIA TECHNOLOGIES OY** of Karaportti 3, FI - 02610 Espoo, Finland, a corporation organized under the laws of Finland (hereinafter "Nokia Technologies")

WHEREAS, Nokia Corporation is the owner of certain patents and patent applications, as more particularly described in Attachment 1 hereto (hereinafter "the Patents"), incorporated herein by reference;

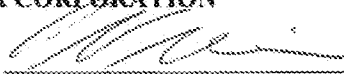
NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged and in accordance with that certain Business Purchase Agreement between Nokia Corporation and Nokia Technologies having an effective date of 31 December 2014 (hereinafter "Agreement"):


Nokia Corporation sells, assigns, transfers and conveys to Nokia Technologies, and its successors and assigns, all right, title, and interest in and to each of the Patents and patent applications listed in Attachment 1 hereto and all continuations, divisions, and reissues arising from or related to the Patents.

This sale, assignment, transfer, and conveyance to Nokia Technologies, and its successors and assigns, is made subject to certain retained rights in favor of Nokia Corporation for the Patents and patent applications listed in Attachment 1, as are set forth in the Agreement.

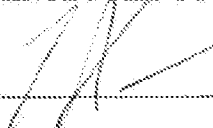
IN WITNESS WHEREOF, the parties have caused their respective corporate names to be affixed hereto and this instrument to be signed by their duly authorized officers as of the day and year written below.

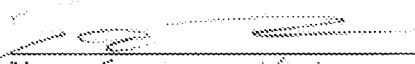
NOKIA CORPORATION

By: 
Name: Esa Niinimäki
Title: Authorized signatory
Date: 16 January 2015


Name: Anne Oksala
Title: Legal Counsel
Date: 16 January 2015

NOKIA TECHNOLOGIES OY

By: 
Name: Jyri Lassus
Title: Vice President, Legal & IP
Date: 16 January 2015


Name: Sami Uusela
Title: Head of Finance and operations
Date: 16 January 2015

82800-US-NP	United States Of America	07 Jul 2014	14/324721		
82915-US-NP	United States Of America	06 Jun 2014	14/297992		
83050-US-NP	United States Of America	30 Sep 2014	14/503302		
83194-US-NP	United States Of America	09 Sep 2014	14/480809		
83230-US-NP	United States Of America	18 Sep 2014	14/490437		
83325-US-NP	United States Of America	16 Jul 2014	14/333471		
83379-US-NP	United States Of America	26 Sep 2014	14/498925		
83437-US-NP	United States Of America	17 Nov 2014	14/542763		
83465-US-NP	United States Of America	27 Aug 2014	14/470103		
83565-US-NP	United States Of America	09 Oct 2014	14/510615		
83581-US-NP	United States Of America	08 Oct 2014	14/510041		
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83751-US-NP	United States Of America	31 Jul 2014	14/448035		
83827-US-NP	United States Of America	13 Sep 2013	14/026245	30 Aug 2016	9432854
83861-US-NP	United States Of America	31 Oct 2014	14/529411		
83867-US-NP	United States Of America	20 Jan 2014	14/159001	30 Aug 2016	9430834
83960-US-NP	United States Of America	23 Oct 2013	14/061041		
84006-US-NP	United States Of America	16 Oct 2013	14/055161		
84036-US-NP	United States Of America	28 Oct 2013	14/064699	01 Dec 2015	9204065
84038-US-NP	United States Of America	22 Sep 2014	14/493088		
84084-US-NP	United States Of America	10 Oct 2013	14/050927		
84133-US-NP	United States Of America	10 Oct 2013	14/050961		
84153-US-NP	United States Of America	05 Nov 2014	14/534124		
84242-US-NP	United States Of America	22 Nov 2014	14/550965		